

PATENT

RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 3672

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being forwarded, via facsimile, to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 17, 2003.


Christa M. Caliva

*URGENT
DO NOT
ENTER
SM*

Applicant : Dah-Ben Liang, et al.
Application No. : 09/637,764
Filed : August 10, 2000

Title : ROCK BIT WITH HARD-FACING MATERIAL
INCORPORATING SPHERICAL CAST CARBIDE PARTICLES

Grp/Div. : 3672
Examiner : Roger J. Schoeppel

Docket No. : 36912/CM/S61

AMENDMENT AFTER FINAL ACTION

Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
April 17, 2003

Commissioner:

In response to the Final Action of January 17, 2003, please amend the above-identified application as follows:

In the Claims:

Cancel claims 30 and 34.

Amend claims 28 and 32 and add new claims 40 and 41 as follows:

facsimile

TRANSMITTAL

Date: April 17, 2003
No. of Pages: 7 (including this cover sheet)
Fax No: (703) 305-3597

PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

Name: Commissioner for Patents
Art Unit: 3672
Examiner: Roger J. Schoeppel
Phone: (703) 308-2147

FAX RECEIVED

APR 18 2003

GROUP 3600

From: Constantine Marantidis
Reg. No. 39,759

Re: Application No. 09/637,764 ; Filed August 10, 2000
Entitled ROCK BIT WITH HARD-FACING MATERIAL INCORPORATING
SPHERICAL CAST CARBIDE PARTICLES

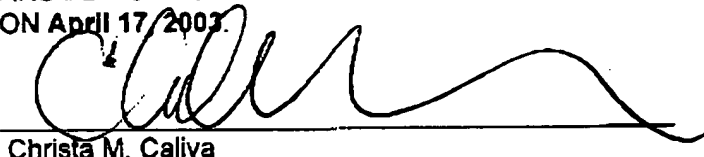
File: 36912/CM/S61

I HEREBY CERTIFY THAT THE FOLLOWING

1. Amendment Transmittal Letter; and
2. Amendment After Final Action

OFFICIAL

ARE BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE
ON April 17, 2003.



Christa M. Caliva

Christie, Parker & Hale, LLP
350 West Colorado Boulevard
Post Office Box 7068
Pasadena, CA 91109-7068
626-795-9900
Fax: 626-577-8800

For Office Services Use Only
Return to Christa M. Caliva

Confidential

The information in this transmission is confidential and is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone collect, and return the original message to us at the above address via U.S. mail. We will reimburse you for postage. Thank you.

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER**

I hereby certify that this correspondence is being sent via facsimile to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 17, 2003.


Christa M. Caliva

Applicant : Dah-Ben Liang, et al.
Application No. : 09/637,764
Filed : August 10, 2000
Title : ROCK BIT WITH HARD-FACING MATERIAL INCORPORATING
SPHERICAL CAST CARBIDE PARTICLES
Grp./Div. : 3672
Examiner : Roger J. Schoeppel
Docket No. : 36912/CM/S61

OFFICIAL**FAX RECEIVED**

APR 18 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
April 17, 2003

GROUP 3600

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	36	* 38	0	x \$9.00	x \$18.00	\$0.00
Independent Claims	7	** 8	0	x \$42.00	x \$84.00	\$0.00
Multiple Dependent Claims ***				\$140.00	\$280.00	\$0.00
TOTAL FILING FEE						\$0.00
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					\$0.00
LIST INDEPENDENT CLAIMS: 1, 12, 23, 28, 32, 36 and 39						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

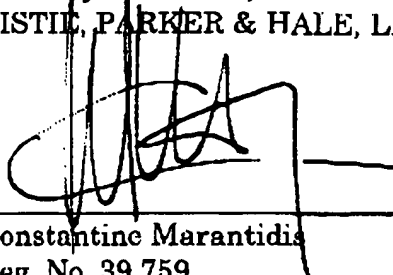
- ___ Attached is our check for \$ to pay the fees calculated above.
___ A Petition for Extension of Time and the required fee are enclosed.
___ Other enclosures:

**Amendment Transmittal Letter
Application No. 09/637,764**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By


Constantine Marantidis
Reg. No. 39,759
626/795-9900

CM/cmc

CC PAS488853.1.-4/17/03 11:51 AM